Page 1

0025

From:

"Davis, Guy" < David.Davis@PacifiCorp.com>

To:

"DEQ- Mike Herkimer" <mherkimer@utah.gov>, "Edith Van Vleet" <evanvleet@...

CC:

"Davis, Guy" < David.Davis@PacifiCorp.com>, "DOGM Water Reports" < ogmcoal.

Date:

11/14/2008 1:53 PM

Subject:

October 2008 DMR Monthly Report / Energy West Mining Company

Attachments:

Oct08Cover.pdf; October 2008.pdf

文

Guy Davis Sr. Env. Health Specialist Office 435-687-4711 Fax 435-687-2695



Energy West Mining Company P. O. Box 310 15 No Main Street Huntington, UT 84528

November 14, 2008

Department of Environmental Quality Division of Water Quality 288 North 1460 West P.O. Box 144870 Salt Lake City, UT 84114-4870

Gentleman:

Enclosed are the monthly discharge reports for the Deer Creek, Trail Mountain, Cottonwood/Wilberg mines and the Hunter Coal Preparation and Blending Facility for the month of October 2008. All other parameters were in compliance with UPDES permits.

If you have any questions concerning these reports, please feel free to call Guy Davis at (435) 687-4711.

Sincerely,

H. Earl Snow Mine Manager

Encl

CC:

Division of Oil, Gas and Mining
Coal Regulatory Program
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Guy Davis w/ enclosures Ken Fleck "

Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310

Huntington, Utah 84528 Facility: Trail Mountain Mine

UT0023728 Permit Number

10/01/2008 10/31/2008 **Monitoring Period**

Sediment pond outfall into Cottonwood Ck.

Discharge Number 001A

No Discharge X

Daramatar		Quant	Quantity or Loading	70	Qu	Quantity or Co	oncentration				
***************************************		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				•		•				Measrd
0 0 ross Value	Permit Requirement	Req. Mon 30 day avg	Req. Mon Daily max	mgd	* * *	***************************************	*			Monthly	Measrd
	Sample Measurement	* * * * * * *	****			*					
00400 1 0 0 Effluent Gross Value	Permit Requirement		•		lnst min	*****	9.0 Inst max	SU		Monthly	Grab
Solids, Total Suspended	Sample Measurement	****	*****				•				
00530 1 0 0 Effluent Gross Value	Permit Requirement		.		25 30 day avg	35 7 day avg	a variable	mg/L		Monthly	Grab
	Sample Measurement	* * * * * * *	* * * * * *		***						
00545 R 0 0 Effluent Gross Value	Permit Requirement						0.5 Daily max	mL/L		Monthly	Grab
Iron, Total (as Fe)	Sample Measurement	:	*	3							
01045 10 0 Effluent Gross Value	Permit Requirement						1.3 Daily max	ıng/L		Monthly	Grab
Oil and Grease	Sample Measurement	* * * * * * * * * * * * * * * * * * * *			*	* * * * * * * * * * * * * * * * * * * *					1
00556 O 0 Effluent Gross Value	Permit Requirement		Req. Mon. Inst max				10 Daily max	mg/L		Monthly	Grab
Solids, Total Dissolved	Sample Measurement	****			:	* * * * * * * * * * * * * * * * * * * *					
70295 Q 0 Effluent Gross Value	Permit Requirement	*****	2000 Daily max	lbs/day		****	Req. Mon. Daily max	mg/L		Monthly	Grab
Oil and Grease, Floating Solids, Foam; Visual	Sample Measurement	***			****	*****	*****				
84066 1 0 / 45613 1 0 Effluent Gross Value	Permit Requirement	*****	0 inst max	yes = 1 no=0		*****				Monthly	Visual
Name/Title Principal Executive Officer	cutive Officer	l certify under penalty	l certify under penalty of law that this document and all attachments were prepared	nt and all attach	ments were prepared	Date:	11/14/2008	08		Telephone	
Carl Pollastro - Vice President	e President	that qualified personne Based on my inquiry o persons directly respon	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information	e with a system aluate the infon who manage the information, the	nation submitted system, or those information		11	H. Earl Snow	435	789	687-9821
Typed or Printed Including	red F	submitted is, to the bes am aware that there are including the possibilit	submitted is, to the best of my knowledge and belief, true, accurate, and complete am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	belief, true, acci	urate, and complete. I se information, violations	Signature of P	re of Principal Executive Officer or Authorized Representative	fficer or	Area Code	Z	Number

Comments and explanation of any violations:

During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528 Facility: Trail Mountain Mine

UT0023728 Permit Number

10/01/2008 | 10/31/2008 Monitoring Period

Mine Discharge to Cottonwood Creek

002A Discharge Number

No Discharge

n		Ouant	Ouantity or Loading	70	D	Juantity or Con	oncentration				
		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement				*****	:	*				Measrd
00056 1 0 0 Effluent Gross Value	Permit Requirement	Req. Mon. 30 day avg	Req. Mon. Daily max	mgd		***	***			Monthly	Meastd
рН	Sample Measurement	* * * * * * * * * * * * * * * * * * * *	* * * * * * *			* * * * * * * * * * * * * * * * * * * *					
00400 1 0 0 Effluent Gross Value	Permit Requirement				6.5 Inst.min		9.0	SU	Green Control	Monthly	G ab
Solids, Total Suspended	Sample Measurement	* * * * *	*								
00530 1 0 0 Effluent Gross Value	Permit Requirement		***************************************		25 30 day avg	35 7.da	ly max	mg/L		Monthly	Grab
Settleable Solids	Sample Measurement	***	*			でする					
00545 R 0 0 Effluent Gross Value	Permit Requirement		•	3	(C) (S)		0.5 Daily max	mL/L		Monthly	Grab
Iron, Total (as Fe)	Sample Measurement	****				:					
01045 10 0 Effluent Gross Value	Permit Requirement						1.3 Daily max	mg/L		Monthly	Crab
Oil and Grease	Sample Measurement	* * * * * *			•	:			700,000		
00556 O 0 Effluent Gross Value	Permit Requirement		Req. Mon. Inst max				10 Daily max	mg/L	100 mg/m/s	Monthly	Grab
Solids, Total Dissolved	Sample Measurement	**	*****		•	:					
70295 1 0 0 Effluent Gross Value	Permit Requirement			lbs/day			1136 Daily max	mg/L		Monthly	G ₇₈ b
Oil and Grease, Floating Solids, Foam; Visual	Sample Measurement	* * * * * *			:	:	5 4 4 8 4				
84066 1 0 / 45613 1 0 Effluent Gross Value	Permit Requirement		0 inst max	yes =1 no=0						Monthly	Visual
Name/Title Principal Executive Officer	cutive Officer	I certify under penalty of law that this document and all attachments were prepared	of law that this docume	nt and all attach	ments were prepared	Date:	11/14/2008	80	^	Telephone	
Carl Pollastro - Vice President InterWest Mining Company	e President Company	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief the accurate and complete submitted is to the best of my knowledge and belief the accurate and complete.	properly gather and ex- the person or persons the isolater of my knowledge and of my knowledge and	ce with a system aluate the infon who manage the information, the helief true acceptance.	n designed to assure mation submitted. system, or those information		H	H. Earl Snow	435	687-	687-9821
Typed or Printed	ted	am aware that there are significant penalties for submitting false information including the possibility of fine and imprisonment for knowing violations	significant penalties fo	or submitting fal	se information. ¿ violations	Signature of Pri Authori	re of Principal Executive Officer or Authorized Representative	flicer or	Area Code	Żu	Number
Command and analysis of the change of the common of the co											

Comments and explanation of any violations:

During storm discharge, sample for settleable solids; Sample for oil and grease is only required when sheen is observed

Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310

Huntington, Utah 84528 Facility: Deer Creek Mine

UT0023604 Permit Number

10/01/2008 10/31/2008 Monitoring Period

Sediment Pond Outfall

001A Discharge Number

No Discharge

Parameter		Quanti	Quantity or Loading	J G	Qu	Quantity or Con	centration			Frequency of	
1 al allicici		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate Me	Sample Measurement				•••••		•		0	1/31	Measured
0 ross Value	Permit Requirement	Req. Mon. 30 day avg	Req. Mon. Daily max	mgd		•				Monthly	Measured
	Sample Measurement	* * * * * * * * * * * * * * * * * * * *	*			***			0	1/31	Grab
00400 1 0 Per Effluent Gross Value Re	Permit Requirement				6.5 Inst min		9.0 Inst max	su		Monthly	Grab
Total Suspended	Sample Measurement	*	*				0		0	1/31	Grab
00530 10 Pe Effluent Gross Value Re	Permit Requirement				25 30 day avg	35 7	daily max	mg/L		Monthly	Grab
	Sample Measurement	****	****			73117			0		
00545 R 0 Pe Effluent Gross Value Re	Permit Requirement	****			D. P.		0.5 Daily max	mL/L		See Permit	Grab
ital (as Fe)	Sample Measurement	* * * * * *			Z				0	1/31	Grab
01045 10 Pe Effluent Gross Value Re	Permit Requirement	*****				Req. Mon. 30 day avg	1.0 Daily max	mg/L		Monthly	Grab
Oil and Grease M	Sample Measurement	***			*****	*****			* *		
Effluent Gross Value Re	Permit Requirement	***			*****	******	10 Daily max	mg/L		Monthly	Grab
Solids, Total Dissolved Ma	Sample Measurement	* * * * *			***	****			0	1/31	Grab
	Permit Requirement	****	2000 Daily max	lbs/day	**	******	Req. Mon. Daily max	mg/L		Monthly	Grab
ğ	Sample Measurement	* * * *			***	***	* * * * *		0	1/31	Visual
Effluent Gross Value Re	Permit Requirement	****	0 inst max	y:es =1 no=0	******	******	*****			Monthly	Visual
Name/Title Principal Executive Officer	L_	certify under penalty of	certify under penalty of law that this document and all attachments were prepared	t and all attach	ments were prepared	Date:	11/14/2008	8		Telephone	
Carl Pollastro - Vice President InterWest Mining Company		hat qualified personnel Based on my inquiry of bersons directly respons	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submittee	e with a system luate the informanage the formation, the	designed to assure nation submitted system, or those information submitted		H.	H. Earl Snow	435	687-9821) 821
Typed or Printed		s, to the best of my kno hat there are significant possibility of fine and it	is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.	accurate, and og talse informa	complete—I am aware tron, including the	Signature of Pri Authori	Signature of Principal Executive Officer or Authorized Representative	ficer or	Area Code	Number	ıber
Comments and explanation of any violations:	of any viola	•	Pond being cleaned	eaned	:		•	•	•	#	

Sample oil and grease only when a sheen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.

PacifiCorp, Energy West Mining Company P.O. Box 310

Name: Address:

Huntington, Utah 84528 Facility: Deer Creek Mine

UT0023604 Permit Number

10/01/2008 **Monitoring Period** 10/31/2008

Deer Creek Mine Discharge

Discharge Number 002A

No Discharge

Frequency of Analysis 1/31 Monthly 1/31 Monthly 1/31 Monthly 1/31 Monthly 1/31 Monthly 1/31 Monthly 1/31 1/31 1/31 Monthly 1/31 1/31 Monthly 1/31 Monthly 1/31 Monthly 1/31 Monthly 1/31 Monthly 1/31 Monthly Monthly 1/31	Number	Z	Area Code		Authorized Representative	Authori	ation, including the	ng violations	possibility of fine and imprisonment for knowing violations	possibility of fine and i		Typed or Printed
arameter Country or Loading Quantity or Loading Quantity or Concentration Average Maximum Average Maximum Loading Maximum Average Maximum Loading Loadin	.9821	687-	435	Earl Snow	H ncipal Executive Of	Signature of Pri	rmation submitted. re system, or those e system, or those; information submitted complete. I am aware sion including the	aluate the information, the felter information, the felter information.	supervision in accordance in properly gather and ever f the person or persons vesible for gathering the incomplete and belief, true owledge and belief, true in penaltics for submitting the contractions of the penaltics for submitting the penaltic submitted the pena	that qualified personne Based on my inquiry o persons directly respon is, to the best of my kno		Carl Pollastro - Vi InterWest Mining
arameter Committy or Loading Quantity or Loading Quantity or Concentration Frequency of Analysis also Average Maximum Units Minimum Average Maximum Units Minimum Average Maximum Units Minimum Average Maximum Units Maximum Units Maximum Units Maximum Units Maximum Units Maximum Units Units Maximum Units		Telephone		80(11/14/20	Date:	unents were prepared	nt and all attack	of law that this documer	I certify under penalty		Name/Title Principal Ex
arrameter Countity or Loading Quantity or Loading Quantity or Concentration Frequency of Analysis ale Average Maximum Units Minimum Average Maximum Units Maximum Units Minimum Average Maximum Units Maximum Average Maximum Maximum Maximum Maximum Maximum Maximum Average Average Maximum Average Average <td< th=""><th></th><th>a a a a a a a a a a a a a a a a a a a</th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th></th><th>Permit Requirement</th><th></th></td<>		a a a a a a a a a a a a a a a a a a a									Permit Requirement	
arameter Quantity or Loading Quantity or Loading Quantity or Concentration Requency of Anyerage Maximum Units Minimum Average Maximum Units Mo. E. Frequency of Analysis ate Sample 0.74 0.86 <td></td> <td>Sample Measurement</td> <td></td>											Sample Measurement	
arameter Quantity or Loading Quantity or Loading Quantity or Concentration Accessed Average Maximum Units Quantity or Concentration Accessed	Visual	Monthly			2.5 2.0 2.0 2.0 2.0 3.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4.0 4	******		yes =1 no=0	inst max	*	Permit Requirement	84066 1 0 / 45613 1 0 Effluent Gross Value
arameter Quantity or Loading Quantity or Concentration Average Average Maximum Quantity or Concentration Maximum Londing Prequency of Analysis ate Sample 0.74 0.86	Visual	1/31	0		****	:	:		0	* * * *	Sample Measurement	Oil and Grease, Floating Solids, Foam; Visual
Permit P	Gnab	Monthly		mg/L	1000 Daily max		til ettil Vilologi	lbs/day			Permit Requirement	70295 1 0 Effluent Gross Value
arameter Quantity or Loading Quantity or Concentration Average Maximum Units Minimum Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis ate Sample 0.74 0.86 0 1/31 1 0 Permit Req. Mon. Req. Mon. mgd 7.65 0 1/31 1 0 Sample 6.65 90 SU Monthly 1 0 Permit 6.65 90 SU Monthly 1 0 Permit 7.0 SU Monthly 1 0 Requirement 7.0 Monthly 1 0 Requirement <	Grab	1/31	0		489	:	:		* * * * * * * * * * * * * * * * * * * *	* * * * *	Sample Measurement	Solids, Total Dissolved
arameter Quantity or Loading Quantity or Loading Quantity or Concentration Frequency of Analysis atte Average Maximum Units Minimum Average Maximum Units Maximum Units Maximum Units Maximum Units Maximum Units Maximum Units No. Ex. Frequency of Analysis atter Emple 0.74 0.86	Grab	Monthly	20 / 10 / 10 / 10 / 10 / 10 / 10 / 10 /	mg/L	10 Daily max						Permit Requirement	00556 O 0 Effluent Gross Value
arameter Quantity or Loading Quantity or Concentration Frequency of Analysis ate Sample ate 0.74 0.86 Minimum Average Maximum Units Minimum Average Maximum Units Mon. Ex. Frequency of Analysis ate Bample Permit 0.74 0.86 7.65 <	Grab	1/31	0		N/A	***	****		*****	*****	Sample Measurement	Oil and Grease
arameter Sample desurement of Coross Value Average Maximum (Daily max) Units (Daily max) Minimum (Daily max) Average (Maximum (Daily max)) Minimum (Daily max) Average (Maximum (Daily max)) Minimum (Daily max) Average (Daily max) Maximum (Daily max) Minimum (Daily max) Average (Daily max) Maximum (Daily max) Minimum (Daily max) Average (Daily max) Maximum (Daily max) Minimum (Daily max) Average (Daily max) Maximum (Daily max) Minimum (Daily max) Average (Daily max) Maximum (Daily max) Minimum (Daily max) Average (Daily max) Maximum (Daily max) Minimum (Daily max) Average (Daily max) Maximum (Daily max) Minimum (Daily max) Average (Daily max) Maximum (Daily max) Minimum (Daily max) Average (Daily max) Maximum (Daily max) Minimum (Daily max) Average (Daily max) Minimum (Daily max) Average (Daily max) Minimum (Daily max) Monthly (Daily max)	Cipab			mg/L	i.0 Daily max	Req. Mon. 30 day avg					Permit Requirement	01045 10 Effluent Gross Value
arameter Ouantity or Loading Quantity or Concentration Frequency of Average ate Sample 10 Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis 1 0 Permit Requirement Instraint <	Grab	1/31	0		0.3	0.3	:		****	****	Sample Measurement	Iron, Total (as Fe)
arameter Sample deasurement Average Maximum Units Minimum Average Maximum Units Minimum Average Maximum Units Average Maximum Units Analysis ate Sample Measurement 0.74 0.86 0 1/31 1 0 Permit Foross Value Sample Measurement 7.65 7.65 0 1/31 1 0 Permit Measurement 6.55 90 SU Monthly 1 0 at Suspended Sample Measurement 6.55 55 5 0 1/31	Grab	Monthly		mg/L	70 daily:max						Permit Requirement	00530 1 0 Effluent Gross Value
arameter Quantity or Loading Quantity or Loading Quantity or Concentration Frequency of Analysis ate Sample Measurement 0.74 0.86 Minimum Average Maximum Units No. Ex. Analysis 1 0 Permit Requirement Req. Mon. Req. Mon. Paily max mgd 7.65 0 1/31 1 0 Sample Measurement 30 day avg Daily max mgd 7.65 7.65 0 1/31 1 0 Permit Measurement 6.5 7.65 SU Monthly 1 0 Permit Measurement 1.65 30 day avg Monthly	Grab	1/31	0		۵	ŝ	ŝ		****	***	Sample Measurement	Solids, Total Suspended
arameter Quantity or Loading Quantity or Loading Quantity or Concentration Frequency of Analysis ate Sample Measurement 0.74 0.86 Minimum Average Maximum Average Maximum Units 0 1/31 10 Permit Req. Mon. Req. Mon. Req. Mon. Req. Mon. Sample Measurement Req. Mon. Pallymax mgd 7.65 0 1/31	Grab	Monthly	ille.	SU	9.0 Inst max	***	6,5 Inst min				Permit Requirement	00400 1 0 Effluent Gross Value
arameter Quantity or Loading Quantity or Concentration Frequency of Average Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis ate Sample Measurement 0.74 0.86 0 1/31 1 0 Permit Req. Mon. Req. Mon. mgd Monthly	Grab	1/31	0		7.65	:	7.65		* * * * * * * * * * * * * * * * * * * *	****	Sample Measurement	Н
ameter Quantity or Loading Quantity or Concentration Frequency of Analysis Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis Sample Measurement 0.74 0.86 0 1/31	Measured	Monthly						mgd	Req. Mon. Daily max	Req. Mon. 30 day avg	Permit Requirement	00056 1 0 Effluent Gross Value
Quantity or Loading Quantity or Concentration Frequency of Average Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis	Measured	1/31	0		:	***	*****		0.86	0.74	Sample Measurement	Flow Rate
Quantity or Loading Quantity or Concentration	Sample Type	Analysis	No. Ex.	Units	Maximum	Average	Minimum	Units	Maximum	Average		3
		Frequency of			centration		Qua	Jq	ity or Loading	Quanti		Parameter

Comments and explanation of any violations:

Sample oil and grease only when a sheen is observed, or there is another reason to believe oil is present. Fill in N/A when a test is not performed.

Huntington, Utah 84528
Facility: Cottonwood/Wilberg Mine Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310

UT0022896 Permit Number 10/01/2008

1/2008 | 10/31/2008 Monitoring Period

Discharge Number 001A

No Discharge

)	*				4 . 49				
Parameter		Average	Quantity of Loading	Units	Minimum	Average	Maximum	Units	Z Ex	Frequency of Analysis	Sample Type
Flow Rate	Sample Measurement	0.034	0.034		•	****	****		0	1/31	Measured
00056 1 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	.	***************************************				Monthly	Measured
рН	Sample Measurement	* * * * *	****		7.16	***	7.46		0	1/31	Grab
00400 1 0 Effluent Gross Value	Permit Requirement				6.5 Daily Min	•	9.0 Daily Max	SU		Monthly	Grab
Solids, Total Suspended	Sample Measurement	****	****		<5	<5	<5		0	1/31	Grab
00530 1 0 Effluent Gross Value	Permit Requirement				25 30 day avg	35 7 day Avg	70 daily max	mg/L		Monthly	Græb
Iron, Total (as Fe)	Sample Measurement	* * * * * *	***		*****	****	<0.05		0	1/31	Grab
01045 10 Effluent Gross Value	Permit Requirement	***					1.0 Daily max	mg/L		Monthly	Grab
Oil and Grease	Sample Measurement	****	****		****	* * * * * * * * * * * * * * * * * * * *	N/A		0		
03582 1 0 Effluent Gross Value	Permit Requirement	***					10 Daily max	mg/L		See Permit	Grab
Solids, total dissolved	Sample Measurement	***	*****		****	*****	773		0	1/31	Grab
70295 1 0 Effluent Gross Value	Permit Requirement	***	******		******	******	Daily Max	mg/L		Monthly	Grab
Oil and Grease, Visual	Sample Measurement	***	0		****	*****	N/A	٠	0	1/31	Visual
84066 O 0 Effluent Gross Value	Permit Requirement	****	0 inst max	yes =1 no=0	*****	***	****			See Permit	Visual
	Sample Measurement										
	Permit Requirement										
Name/Title Principal Executive Officer		l certify under penalty	I certify under penalty of law that this document and all attachments were prepared	nt and all attach	ments were prepared	Date:	11/14/2008)08		Telephone	
Carl Pollastro - Vice President		under my direction or s that qualified personne Based on my inquiry o persons directly respon	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information	he with a system aluate the information, the information, the	nation submitted system, or those information			H Earl Snow	435	687.	687-9821
mici west whiming company		submitted is, to the bes am aware that there are	submitted is, to the best of my knowledge and belief, true, accurate, and complete am aware that there are significant penalties for submitting false information.	belief, true, according fal	urate, and complete I se information.	Signature of P	re of Principal Executive Officer or	fficer or	Area Code	Nu	Number
i peu or i inite		. ,									

Comments and explanation of any violations:

If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

Previous editions may be used

Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310

Facility: Huntington, Utah 84528 Cottonwood/Wilberg Mine

UT0022896 Permit Number

10/01/2008

10/31/2008

Monitoring Period

Minor

DISCHRG SED POND GRIMES WASH

Discharge Number 003A

No Discharge X

Daramatar		Ouant	Ouantity or Loading	ro	Qu	Quantity or Concentration	ncentration				
I al allicici		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				:	:	:				
00056 1 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd						Monthly	Measured
рН	Sample Measurement	* * * * * * * * * * * * * * * * * * * *	*			***					
00400 10 Effluent Gross Value	Permit Requirement	** ** ** **	*		6.5 Inst.min		9.0	SU		Monthly	Grab
Solids, Total Suspended	Sample Measurement	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *				27				
00530 1 0 Effluent Gross Value	Permit Requirement				25 30 day avg	35) nax	mg/L		Monthly	Gmb
Settleable Solids	Sample Measurement	* * * * * * * * * * * * * * * * * * * *	****								
00545 O 0 Effluent Gross Value	Permit Requirement	*					0.5 Daily max	mL/L		Monthly	Grab
Iron, Total (as Fe)	Sample Measurement	* * * * * * * * * * * * * * * * * * * *		5							
01045 10 Effluent Gross Value	Permit Requirement	***************************************				Report 30 day avg	1.0 Daily max	mg/L		Monthly	Grab
Oil and Grease	Sample Measurement	* * * * * * * * * * * * * * * * * * * *			****	*****					
03582 10 Effluent Gross Value	Permit Requirement	******	******		••••	******	10 Daily max	mg/L		See Permit	Grab
Solids, total dissolved	Sample Measurement	* * * * * * *	****		*****	******					
70295 1 0 Effluent Gross Value	Permit Requirement	*****	*****		*****	******	Daily Max	mg/L		Monthly	Grab
Oil and Grease, Visual	Sample Measurement	****			* * * * * *	*****	****				
84066 1 0 Effluent Gross Value	Sample Measurement	******	0 inst max	no=0 yes =1	******	******	******			Monthly	Visual
Name/Title Principal Executive Officer	ecutive Officer	I certify under penalty	l certify under penalty of law that this document and all attachments were prepared	nt and all attach	ments were prepared	Date:	11/14/2008	008		Telephone	
Carl Pollastro - Vice President InterWest Mining Company	ce President	that qualified personne Based on my inquiry o persons directly respon	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information	e with a system aluate the inforr who manage the information, the	designed to assure nation submitted system, or those information			H. Earl Snow	435	687-	687-9821
Typed or Printed	ited	am aware that there are including the possibility	submitted is, to the best of my knowledge and belief, true, accurate, and complete arn aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	submitting falsent for knowing	arate, and complete 1 se information.	Signature of P	Principal Executive Officer or horized Representative	officer or	Area Code	Z	Number
Comments and explanation of any violations	tion of any viol	***									

Comments and explanation of any violations:

If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310

Huntington, Utah 84528
Facility: Cottonwood/Wilberg Mine

UT0022896 Permit Number

10/01/2008 **Monitoring Period**

10/31/2008

DISCHR SED POND COTTNWD CREEK

004A Discharge Number

No Discharge X

Sample Measurement Report Report Requirement Sample Measurement Me		i			Authorized Representative	A UIII C	ng violations	ent for knowin	including the possibility of fine and imprisonment for knowing violations	including the possibil	ited	Typed or Printed including
Average Average Maximum Units Minimum Average Maximum Units Minimum Average Maximum Units Minimum Average Maximum Units Unit	nber	Nu	Area Code	licer or	rincipal Executive Of	Signature of P	se information.	submitting fai	est of my knowledge and I re significant penalties for	submitted is, to the be am aware that there a	~~infomi	
Contribution Cont	.9821	687.	435	Earl Snow	١,		rmation submitted e system, or those information	aluate the infor who manage the efformation, the	rel properly gather and evo of the person or persons we insible for gathering the in	that qualified personn Based on my inquiry persons directly respo	ce President	Carl Pollastro - Vice President InterWest Mining Company
Country or Loading		Telephone		80	11/14/20	Date:	hments were prepared	it and all attacl	y of law that this documen	I certify under penalty	ecutive Officer	Name∕Title Principal Executive Officer
Columnity or Loading											Permit Requirement	
Comple Concentration Con											Sample Measurement	
Quantity or Loading Quantity or Concentration Frequency of Average Maximum Units Minimum Maximum Units Minimum Maximum Units Minimum M											Permit Requirement	
Quantity or Loading Quantity or Concentration Prequency of Average Maximum Units Minimum Average Maximum Units Uni											Sample Measurement	
Quantity or Loading Quantity or Concentration Prequency of Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis Sample Measurement Report Report Report Report Measurement 30 day avg Daily max mgd Monthly Sample Measurement Monthly Maximum Maximum Units No. Ex. Analysis Analysis Maximum Units Minimum Average Maximum Units No. Ex. Analysis Analysis Analysis Maximum Units No. Ex. Analysis	Visual	Monthly			* * * * * * * * * * * * * * * * * * *		*	yes = l no=0		*	Permit Requirement	84066 O 0 Effluent Gross Value
Contact Cont					:	:	:			* * * * * * * * * * * * * * * * * * * *	Sample Measurement	_
Contraction Concentration Contraction Concentration	Grab	See Permit		mg/L	TIEX.	•			* * * * * * * * * * * * * * * * * * * *	*****	Permit Requirement	035821 1 0 Effluent Gross Value
Quantity or Loading Quantity or Concentration Frequency of Average Average Maximum Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis						:	:			* * * * * * *	Sample Measurement	Oil and Grease
Countity or Loading Quantity or Concentration Frequency of Average Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis	Grab	Monthly		mg/L	1.0 Daily max	Report 30 day avg		9			Permit Requirement	01045 10 0 Effluent Gross Value
Comple C									:	**	Sample Measurement	Iron, Total (as Fe)
Continue Concentration C	Crab	Monthly		mg/L	70 daily max		and Away			******	Permit Requirement	00530 1 0 Effluent Gross Value
Contentration Frequency of Average Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis									**	****	Sample Measurement	. 1
Quantity or Loading Quantity or Concentration Frequency of Average Maximum Units No. Ex. Analysis Sample Measurement Report Report Sample Measurement Report Daily max Report Monthly Daily max Monthly Measurement	Grab	Monthly	in the second	SU			6.5 Inst min				Permit Requirement	00400 1 0 Effluent Gross Value
Quantity or Loading Quantity or Concentration Frequency of Average Sample Measurement Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis Permit Report Report Requirement Report Daily max mgd Monthly						:			****	* * * * * *	Sample Measurement	рH
Sample Average Maximum Units Minimum Average Maximum Units Minimum Average Maximum Units Analysis	Measured	Monthly			*	***		mgd	Report Daily max	Report 30 day avg	Permit Requirement	00056 1 0 Effluent Gross Value
Average Maximum Units Minimum Average Maximum Units No. Ex. Analysis					**	***	***				Sample Measurement	Flow Rate
Quantity or Loading Quantity or Concentration	Sample Type	Analysis	No. Ex.	Units	Maximum	Average	Minimum	Units	Maximum	Average		
)		Frequency of			ncentration	antity or Co	Qua	JG	tity or Loadin	Quan		Parameter

Comments and explanation of any violations:

If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

Name: PacifiCorp, Energy West Mining Company Address: P.O. Box 310 Huntington, Utah 84528 Facility: Cottonwood/Wilberg Mine

UT0022896 Permit Number

10/01/2008

10/31/2008

Monitoring Period

Minor

SED. POND @ WASTE ROCK AREA

Discharge Number 005A

No Discharge

Danasta		Ouant	Ouantity or Loading	Ø	Ou	Ouantity or Concentration	centration				
r ai ailletei		Average	Maximum	Units	Minimum	Average	Maximum	Units	No. Ex.	Analysis	Sample Type
Flow Rate	Sample Measurement				•	•	****	*			
0 ross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd	*			:		Monthly	Measured
	Sample Measurement	* * * *	***			*****					
00 10 Effluent ss Value	Permit Requirement	***************************************	**************************************		6.5 Inst min		9.0 Linst max	SU		Monthly	Cab
l Suspended	Sample Measurement	* * * * * * *	*			70					
	Permit Requirement	***************************************				day avg	35 7 day max	mg/L		Monthly	Gmb
Settleable Solids	Sample Measurement	* * * * * * * * * * * * * * * * * * * *	*	1	651	•					
00545 O 0 Effluent Gross Value	Permit Requirement		Z S				0.5 Daily max	mL/L		Monthly	Grab
0 1	Sample Measurement	*****			****						
01045 10 Effluent Gross Value	Permit Requirement	******				Report 30 day avg	1.0 Daily max	mg/L ,		Monthly	Grab
Oil and Grease	Sample Measurement	* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * * * * * * * * * * *		•	*					
03582 10 Effluent Gross Value	Permit Requirement	*****	****		•	****	10 Daily max	mg/L		See Permit	Grab
dissolved	Sample Measurement	****	*****		*****	*****					
70295 1 0 Effluent Gross Value	Permit Requirement	****	*****		****	*****	Daily Max	1/8w		Monthly	Grab
Grease. Visual	Sample Measurement	***			****	*****					
84066 O 0 Effluent Gross Value	Requirement	***	0 inst max	yes =1 no=0	*****	****	Daily Max			Monthly	Visual
Name/Tital Principal Executive Officer		I cerufy under penalty	I certify under penalty of law that this document and all attachments were prepared	nt and all attach	ments were prepared	Date:	11/14/2008	80(Telephone	
Carl Pollastro - Vice President InterWest Mining Company		that qualified personne Based on my inquiry o persons directly respon	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information	e with a system aluate the infor who manage the ifornation, the	n designed to assure mation submitted system, or those information		H	H Earl Snow	435	687-	687-9821
Typed or Printed	L	submitted is, to the bes am aware that there are including the possibility	submitted is, to the best of my knowledge and belief, true, accurate, and complete am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations	belief, true, acc r submitting fal ent for knowing	urate, and complete less information,	Signature of Pr Author	e of Principal Executive Officer or Authorized Representative	Micer or	Area Code	Z	Number
Comments and explanation of any violations	ion of any viole	rtions.									

Comments and explanation of any violations:

If oil and grease sheen is observed, a sample must be taken and this must be less than 10 mg/L.

Name: Huntington, Utah 84528 Facility: Cottonwood/Wilberg Mine Address: P.O. Box 310 PacifiCorp, Energy West Mining Company

UT0022896 Permit Number

10/01/2008 **Monitoring Period**

10/31/2008

Minor

F - Final, Combination 001, 003, 004, & 005 SUM A No

Discharge Number

No Discharge

				Authorized Representative	Author	g violations	nent for knowin	including the possibility of fine and imprisonment for knowing violations	including the possibilit	ted	Typed or Printed
Number	Z	Area Code	fficer or	Signature of Principal Executive Officer or	Signature of Pr	surate, and complete I lse information.	belief, true, acc or submitting fal	submitted is, to the best of my knowledge and belief, true, accurate, and complete am aware that there are significant penalties for submitting false information,	submitted is, to the bes am aware that there are	()p)	
68/-9821	68/	435	H. Earl Snow	•		e system, or those information	who manage the information, the	Based on my inquiry of the person or persons who manage the system, or to persons directly responsible for gathering the information, the information	Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information	company	InterWest Mining Company
		2),),	Serve See	mation submitted	ce with a system	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted.	that qualified personne		Carl Dallarina Vi
	Telephone		308	11/14/2008	Date:	nnents were prepared	ent and all attach	I certify under penalty of law that this document and all attachments were prepared	l certify under penalty	cutive Officer	Name/Title Principal Executive Officer
										Requirement	
										Permit	
										Measurement	
(Cap. 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 -		2								Sample	
										Requirement	
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							81			Sample	
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6						الدر				Measurement	
										Sample	
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				UU	1 & U		NU			Sample Measurement	
))		2			Permit Requirement	
	-				JUS	há				Measurement	
						, v 10-				Requirement	
										Measurement	
										Sample	
Grab	Monthly		:				lbs/day	2000 Daily max	Report 30 day avg	Permit Requirement	70295 1 0 Effluent Gross Value
Grab	1/31	0		****	****	*****		247.64	215.51	Sample Measurement	Solids, Total Dissolved (001)
Sample Type	Analysis	No. Ex.	Units	Maximum	Average	Minimum	Units	Maximum	Average		
	Frequency of			ncentration	Quantity or Con	Qua	59	Quantity or Loading	Quant		Parameter

Comments and explanation of any violations:

Total discharge of TDS from outfalls 001, 003, and 005 shall not exceed 2,000 lbs/day during draw down.

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528
Facility: Hunter Coal Preparation Plant

UTG040009 Permit Number

10/01/2008 10/31/2008 Monitoring Period

001 Discharge Number

No Discharge

Report mgd							,		y 0	morning any property	ied	Typed or reinted
Monthly Mont	mber	Z	Area Code	fficer or	rincipal Executive O.		lse information.	r submitting fa	e significant penalties for	am aware that there an		Td D.i.
### Monthly Monthly Monthly	-9821	687	435	Earl Snow			mation submitted c system, or those information	aluate the information, the	el properly gather and ex of the person or persons vanible for gathering the in-	that qualified personne Based on my inquiry of persons directly respon		Carl Pollastro - Vice President InterWest Mining Company
Report mgd Monthly Daily max mgd SU Monthly 6.5 70 mg/L Monthly 225 70 mg/L Monthly 0.5 ml/L Monthly 1.0 mg/L Monthly Daily max mg/L Monthly 500 mg/L mg/L Monthly 30 day avg mg/L Monthly Monthly		Telephone		80(11/14/20	Date:	hments were prepared	nt and all attack	of law that this documen	I certify under penalty	ecutive Officer	Name/Title Principal Executive Officer
Report mgd Monthly 6.5 5.0 day avg 7 70 daily max mg/L Monthly 10 day avg 0.5 ml/L Monthly 10 day avg 0.5 mg/L Monthly 10 day avg mg/L Monthly	Visual/Grab	Montly			**************************************	****	****	mg/L	10 inst max	**	Permit Requirement	84066 100 Effluent Gross Value
Report mgd					:	:	:			* * * * *	Sample Measurement	Oil and Grease, Visual
Report Daily max mgd	Grab	Monthly		mg/L	500 mg/L 30 day avg	*****	***		****	****	Permit Requirement	70295 1 0 0 Effluent Gross Value
Report mgd						:	:		* * * * * * * * * * * * * * * * * * * *	* * * * * *	Sample Measurement	Solids, Total Dissolved
Report mgd	Grab	Monthly		mg/L	1.0 Daily max	*****				****	Permit Requirement	Effluent Gross Value
Report mgd Monthly 6.5 6.5 SU Monthly Inst min 25 7 70 mg/L Monthly 10 day ay 2.4/g daily max mg/L Monthly Daily max mL/L Monthly						:	:			****	Sample Measurement	Iron, Total (as Fe)
Report mgd Monthly max SU Monthly inst min st min and shape	Gnab	Monthly		mL/L	0.5 Daily max	**************************************					Permit Requirement	00545 R 0 0 Effluent Gross Value
Report mgd Monthly SU Monthly Monthly Monthly					****	****	1154	1	* * * * *	* * * * * * *	Sample Measurement	Settleable Solids
Report mgd Monthly Daily max	Grab	Monthly		mg/l_	70 dailly max	Byava B	25 30 day ay		•		Permit Requirement	00530 1 0 0 Effluent Gross Value
Report mgd Monthly Dally max									* * * * * * * * * * * * * * * * * * * *	* * * * * *	Sample Measurement	Solids, Total Suspended
Report mgd Monthly		Monthly	17.42	su	Day in					*****	Permit Requirement	00400 1 0 0 Effluent Gross Value
Report mgd Monthly									****	***	Sample Measurement	pН
•••••	Measured	Monthly		·		***************************************		mgd	Report Daily max	Report 30 day avg	Permit Requirement	00056 1 0 0 Effluent Gross Value
					*****	*****	****				Sample Measurement	Flow Rate
Maximum Units Minimum Average Maximum Units No. Ex. Analysis	Sample Type	Analysis	No. Ex.	Units	Maximum	Average	Minimum	Units	Maximum	Average		
Quantity or Loading Quantity or Concentration Frequency of		Frequency of			ncentration	antity or Cou	Qu	ac	ity or Loadin	Quant		Parameter

Comments and explanation of any violations:

Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge and not exceed 0.5 ml/L.

Name: PacifiCorp, Energy West Mining Company

Address: P.O. Box 310

Huntington, Utah 84528
Facility: Hunter Coal Preparation Plant

UTG040009 Permit Number

10/01/2008 10/31/2008 Monitoring Period

002 Discharge Number

No Discharge

Parameter		Quant	Quantity or Loading			-15	ncentration	I site	?	Frequency of	2
		Average	Maximum	Cillo	Inniiiiini	Overage	INTENTITION	Oille	No. Ex.	Analysis	Sample Lype
	Sample				:	•	•				
Flow Rate	Measurement										
00056 1 0 0 Effluent Gross Value	Permit Requirement	Report 30 day avg	Report Daily max	mgd						Monthly	Measured
рН	Sample Measurement	****	*****			•					
00400 100 Effluent Gross Value	Permit Requirement				6.5 Inst min		9.0	รบ		Monthly	
Solids, Total Suspended	Sample Measurement	***	******		****		196				
00530 1 0 0 Effluent Gross Value	Permit Requirement				25 30 day avg		, nax	mg/L	100	Monthly	Gnab
Settleable Solids	Sample Measurement	***	*				****				
00545 R 0 0 Effluent Gross Value	Permit Requirement						0.5 Daily max	mL/L		Monthly	Grab
Iron, Total (as Fe)	Sample Measurement	*****				*****					
01045 10 0 Effluent Gross Value	Permit Requirement	2.00mm (1.00mm) (1.0					1.0 Daily max	mg/L		Monthly	Grab
Solids, Total Dissolved	Sample Measurement	******	****		*****	****					
70295 1 0 0 Effluent Gross Value	Permit Requirement						500 mg/L 30 day avg	mg/L	A11.	Monthly	Grab
Oil and Grease, Visual	Sample Measurement	*****			*****	****	****				
84066 100 Effluent Gross Value	Permut Requirement		10 inst max	mg/L					e de cara	Monthly	Visual/Grab
Name/Title Principal Executive Officer	cutive Officer	l certify under penalty	I certify under penalty of law that this document and all attachments were prepared	nt and all attacl	nnents were prepared	Date:	11/14/2008	80		Telephone	
Carl Pollastro - Vice President InterWest Mining Company	e President	that qualified personne Based on my inquiry o persons directly respon	under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information	e with a syster aluate the informance the information, the	n designed to assure mation submitted. e system, or those information		H	H. Earl Snow	435	687	687-9821
111101 11 03t 1111111111B	Company	submitted is, to the bes am aware that there are	submitted is, to the best of my knowledge and belief, true, accurate, and complete am aware that there are significant penalties for submitting false information,	belief, true, acc	curate, and complete. It is information,	Signature of Pi	re of Principal Executive Officer or Authorized Representative	fficer or	Area Code	N _u	Number
2)											

Comments and explanation of any violations:

Oil and grease not to exceed 10 mg/L if sheen is observed. Settleable solids shall be measured during storm water discharge and not exceed 0.5 ml/L.

Effluent Gross Value 70295 100 Solids, Total Dissolved Facility: Address: Name: If each outfall cannot achieve a 30 day average of 500 mg/L, then the permittee is limited to one ton (2000 lbs) per day as a sum from all outfalls. Comments and explanation of any violations: Carl Pollastro - Vice President Name/Title Principal Executive Officer InterWest Mining Company **Parameter Hunter Coal Preparation Plant** P.O. Box 310 PacifiCorp, Energy West Mining Company Huntington, Utah 84528 Typed or Printed Measurement Sample Permit Permit Requirement Requirement Measurement Permit Measurement Measurement Sample Requirement Permit Measurement Sample Requirement Measurement Sample Sample Requirement Measurement Sample Requirement Sample Requirement Permit Permit is, to the best of my knowledge and belief, true, accurate, and complete. I am aware Based on my inquiry of the person or persons who manage the system, or those I certify under penalty of law that this document and all attachments were prepared that there are significant penalties for submitting false information, including the persons directly responsible for gathering the information, the information submitte that qualified personnel properly gather and evaluate the information submitted possibility of fine and imprisonment for knowing violations inder my direction or supervision in accordance with a system designed to assure Average ***** ***** Quantity or Loading Permit Number UTG040009 Maximum Daily max 2000 Discharge Monitoring Report Units lbs/day Minimum 10/01/2008 ****** ****** Monitoring Period Quantity or Concentration 10/31/2008 Signature of Principal Executive Officer or Average ****** ****** Date: **Authorized Representative** A CONTRACTOR OF THE PARTY OF TH Maximum ****** ***** 11/14/2008 H. Earl Snow F - Final, Combination 001 and 002 SUM A Units Discharge Number Area Code No. Ex. 435 Frequency of Monthly Analysis Telephone 687-9821 Number No Discharge Sample Type Gag